What Is Claimed Is:

154b.

A method for compressing video data in a computer system,

2 comprising

receiving a stream of data from a current video frame in the computer ,

system;

computing a difference frame from the current video frame and a previous video frame as the current video frame streams into the computer system; and storing the difference frame in a memory in the computer system.

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The method of claim 1, including storing the current video frame in the memory in the computer system.

3. The method of claim 2, wherein the current-video-frame is written

over a previous video frame in the memory.

1 4. The method of claim 1, wherein computing the difference frame

includes computing an exclusive-OR between the current video frame and the

3 previous video frame.

5. The method of claim 1, wherein computing the difference frame

2 includes computing a difference between a block of data from the current video

frame and a block of data from the previous video frame.

6. The method of claim 1, wherein storing the difference frame in memory includes storing the difference frame in the memory using block transfers.

1	7. The method of claim 1, including compressing the video data usin
2	the difference frame to produce compressed video data.
1	8. The method of claim 1, including performing a color space
2	conversion on the video data.
1 .	9. The method of claim 1, including using the video data in
2	compressed form in a video teleconferencing system.
1	10. The method of claim 1, including storing instructions and data for
2	the computer system in the memory.
1	11. The method of claim 1, wherein computing the difference frame
2	includes computing the difference frame in a core logic chip within the computer
3	system.
1	12. The method of claim 1, wherein computing the difference frame
2	includes computing the difference frame in circuitry outside of a central
3	processing unit in the computer system.

13. A method for compressing video data in a computer system, comprising:

receiving a stream of data from a current video frame in the computer system;

computing a difference frame from the current video frame and a previous video frame as the current video frame streams into the computer system, wherein

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7 computing the difference frame includes computing an exclusive-OR between the 8 current video frame and the previous video frame;

storing the difference frame in a memory in the computer system; storing the current video frame in the memory in the computer system; and compressing the video data using the difference frame to produce compressed video data.

14. The method of claim 13, wherein the current video frame is written over a previous video frame in the memory.

15. The method of claim 13, wherein computing the difference frame includes computing a difference between a block of data from the current video frame and a block of data from the previous video frame.

16. The method of claim 13, wherein storing the difference frame in memory includes storing the difference frame in the memory using block transfers.

1 17. The method of claim 13, including using the compressed data in a video teleconferencing system.

- 1 18. The method of claim 13, including performing a color space 2 conversion on the video data.
 - 19. The method of claim 13, including storing instructions and data for the computer system in the memory.

- 1 20. The method of claim 13, wherein computing the difference frame
- 2 includes computing the difference frame in a core logic chip within the computer
- 3 system.